==========
Sequence Listing was accepted.
See attached Validation Report.
If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).
Reviewer: Durreshwar Anjum
Timestamp: [year=2007; month=12; day=13; hr=9; min=25; sec=24; ms=252;]
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Validated By CRFValidator v 1.0.3

Application No: 10559406 Version No: 1.0

Input Set:

Output Set:

Started: 2007-11-21 08:28:40.308
Finished: 2007-11-21 08:28:42.769
Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 461 ms
Total Warnings: 15
Total Errors: 5
No. of SeqIDs Defined: 15
Actual SeqID Count: 15

Error code		Error Description
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W	213	Artificial or Unknown found in <213> in SEQ ID (2)
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W	402	Undefined organism found in <213> in SEQ ID (9)
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W	402	Undefined organism found in <213> in SEQ ID (11)
E	323	Invalid/missing amino acid numbering SEQID (11) POS (37)
E	355	Empty lines found between the amino acid numbering and the
E	321	No. of Bases conflict, this line has no nucleotides SEQID (11)
E	323	Invalid/missing amino acid numbering SEQID (11) POS (65)
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Sequence Listing

<110> Universitaet Leipzig

<120> Method and Means for the Determination of Defined States or Modifications in the Mucus of the Uterus or in the Epithelium of Other Organs

<130> 401P07PCT-US

<140> 10559406
<141> 2007-11-21

<150> PCT/DE04/01210
<151> 2004-06-04

<150> DE10325639.3
<151> 2003-06-06

<150> DE10325638.5
<151> 2003-06-06

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<212> DNA
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<223> beta-hCG beta-7 cDNA-Sequenz
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gcgggggtcc caaggaccac cccttgacct gtgatgaccc ccgcttccag gcctcctctt 780
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gcgggggtcc caaggaccac cccttgacct gtgatgaccc ccgcttccag gcctcctctt  780
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Gly Thr Trp Ala Ser Lys Glu Pro Leu Arg Pro Arg Cys Arg Pro Ile
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Asn Ala Thr Leu Ala Val Glu Lys Glu Gly Cys Pro Val Cys Ile Thr
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Val Asn Thr Thr Ile Cys Ala Gly Tyr Cys Pro Thr Met Met Arg Val
    30                  35                  40

Gly Val Leu Gln Leu Pro Ala Leu Pro Gln Val Val Cys Asn Tyr Arg
45                  50                  55                  60

Asp Val Arg Phe Glu Ser Ile Arg Leu Pro Gly Cys Pro Arg Gly Val
                65                  70                  75

Asn Pro Val Val Ser Tyr Ala Val Ala Leu Ser Cys Gln Cys Ala Leu
            80                  85                  90

Cys Arg Arg Ser Thr Thr Asp Cys Gly Gly Pro Lys Asp His Pro Leu
        95                  100                 105

Thr Cys Asp Asp Pro Arg Phe Gln Asp Ser Ser Ser Ser Lys Ala Pro
    110                 115                 120

Pro Pro Ser Leu Pro Ser Pro Ser Arg Leu Pro Gly Pro Ser Asp Thr
125                 130                 135                 140


Pro Ile Leu Pro Gln
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<210> 9
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Gly Thr Trp Ala Ser Arg Glu Met Leu Arg Pro Arg Cys Arg Pro Ile
             -1   1               5                  10

Asn Ala Thr Leu Ala Val Glu Lys Glu Gly Cys Pro Val Cys Ile Thr
        15                  20                  25

Val Asn Thr Thr Ile Cys Ala Gly Tyr Cys Pro Thr Met Met Arg Val
    30                  35                  40

Gly Val Leu Gln Leu Pro Ala Leu Pro Gln Val Val Cys Asn Tyr Arg
45                  50                  55                  60

Asp Val Arg Phe Glu Ser Ile Arg Leu Pro Gly Cys Pro Arg Gly Val
```

```
                65                  70                  75

Asn Pro Val Val Ser Tyr Ala Val Ala Leu Ser Cys Gln Cys Ala Leu
            80                  85                  90

Cys Arg Arg Ser Thr Thr Asp Cys Gly Gly Pro Lys Asp His Pro Leu
        95                  100                 105

Thr Cys Asp Asp Pro Arg Phe Gln Ala Ser Ser Ser Ser Lys Ala Pro
    110                 115                 120

Pro Pro Ser Leu Pro Ser Pro Ser Arg Leu Pro Gly Pro Ser Asp Thr
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Pro Ile Leu Pro Gln
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Met Glu Met Phe Gln Gly Leu Leu Leu Leu Leu Leu Leu Ser Met Gly
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Gly Thr Trp Ala Ser Arg Glu Met Leu Arg Pro Arg Cys Arg Pro Ile
             -1   1               5                  10

Asn Ala Thr Leu Ala Val Glu Lys Glu Gly Cys Pro Val Cys Ile Thr
        15                  20                  25

Val Asn Thr Thr Ile Cys Ala Gly Tyr Cys Pro Thr Met Met Arg Val
    30                  35                  40

Gly Val Leu Gln Leu Pro Ala Leu Pro Gln Val Val Cys Asn Tyr Arg
45                  50                  55                  60

Asp Val Arg Phe Glu Ser Ile Arg Leu Pro Gly Cys Pro Arg Gly Val
                65                  70                  75

Asn Pro Val Val Ser Tyr Ala Val Ala Leu Ser Cys Gln Cys Ala Leu
            80                  85                  90

Cys Arg Arg Ser Thr Thr Asp Cys Gly Gly Pro Lys Asp His Pro Leu
        95                  100                 105

Thr Cys Asp Asp Pro Arg Phe Gln Ala Ser Ser Ser Ser Lys Ala Pro
    110                 115                 120

Pro Pro Ser Leu Pro Ser Pro Ser Arg Leu Pro Gly Pro Ser Asp Thr
125                 130                 135                 140
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Pro Ile Leu Pro Gln
                145
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             -1  +1               5                  10

Asn Ala Ile Leu Ala Val Glu Lys Glu Gly Cys Pro Val Cys Ile Thr
                15                  20                  25

Val Asn Thr Thr Ile Cys Ala Gly Tyr Cys Pro Thr Met Met Arg Val

     30                  35                  40

Leu Gln Ala Val Leu Pro Pro Leu Pro Gln Val Val Cys Thr Tyr Arg
 45                  50                  55                  60

Asp Val Arg Phe Glu Ser Ile Arg Leu Pro Gly Cys Pro Arg Gly Val
                 65                  70                  75

Asp Pro Val Val Ser Phe Pro Val Ala Leu Ser Cys Arg Cys Ala Pro
             80                  85                  90

Cys Arg Arg Ser Thr Ser Asp Cys Gly Gly Pro Lys Asp His Pro Leu
         95                 100                 105

Thr Cys Asp His Pro Glu Leu Ser Gly Leu Leu Phe Leu
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Ser Arg Glu Met Leu Arg Pro Arg Cys Arg Pro
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<223> Peptide K2 (t-beta-hCG)
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Ser Lys Glu Pro Leu Arg Pro Arg Cys Arg Pro
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